

REMARKS

No new matter is believed to be added to the application by this Amendment.

Status of the Claims

Claims 1-15 are pending in the application. Claims 16-27 have been withdrawn from consideration by the Examiner. The Examiner has indicated that claim 3 contains allowable subject matter. The amendments to claim 1 clarify the language of that claim without reducing its scope.

Rejections Over Choi

Claims 1-2, 4-12 and 15 are rejected under 35 U.S.C. 102(e) as being anticipated by Choi (U.S. Patent No. 6,326,641 B1). Claims 13 and 14 are rejected under 35 U.S.C. 103(a) as being obvious over Choi. Applicants traverse.

The United States filing date of Choi is November 24, 1999. In contrast, the instant application was filed in the United States on August 22, 2000 and claims priority of Korea P99-35502 filed August 25, 1999. As a result, Applicants believe that Choi does not qualify as prior art under 35 U.S.C. 102(e) or 35 U.S.C. 103(a).

Further, even if Choi qualifies as prior art, Choi fails to anticipate or suggest the present invention.

Choi pertains to a reflective type LCD in which there is no space between a pixel electrode and the data line. Typically, Figure 1 of Choi shows gate lines 2, 3, data lines 16, 18, gate electrode 4, source electrode 6, drain electrode 10 and a

storage capacitor S. Figure 2 of Choi includes a substrate over which is found a gate line 3, an insulating film 24, a protecting film 26, a capacitor electrode 22, a pixel electrode 12 and an adjacent pixel electrode 20. Figure 2 of Choi also shows a single interval L between the pixel electrode 12 and the gate line 3.

In contrast, the invention has a gate line 34 in which the pixel electrode 30 is separated by an interval α on both sides of the gate line. See Figure 7. That is, Choi has one interval L while the invention shows two intervals, each denoted by an α in Figure 7.

As a result, Choi fails to disclose or suggest an interval between the pixel electrode and a data line. Therefore, Choi fails to anticipate the invention. Additionally, Choi would fail to motivate a person having ordinary skill in the art to produce a claimed embodiment of the invention. Thus, a *prima facie* case of obviousness has not been made over Choi.

Accordingly, these rejections are overcome and withdrawal thereof is respectfully requested.

Conclusion

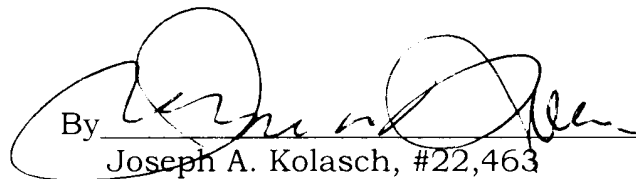
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Robert E. Goozner, Ph.D. (Reg. No. 42,593) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

Attached hereto is a marked-up version of the changes made to the application by this Amendment.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachment: Version with Markings to Show Changes Made

(Rev. 02/20/02)

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims have been amended as follows:

1. (Amended) A liquid crystal display device suitable for repair, comprising:

a gate line connected to an integrally formed gate electrode;

a data line crossing the gate line, and connected to an integrally formed source electrode;

a protective film formed on the gate line and on the data line;

a pixel electrode formed on the protective film and connected to a drain electrode, a first portion of the pixel electrode overlapping the data line and the pixel electrode being laterally spaced a first distance from the gate line; and

a storage electrode connected to the pixel electrode and overlapping the gate line.